What is claimed is:

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- 1. A brightness enhancing film comprising the reaction product of a composition comprising:
- a) at least 25% of a first monomer consisting of 2,4,6-tribromophenoxyethyl (meth)acrylate
 - b) less than 50% of a second monomer having a refractive index of at least 1.54;
 - c) at least one crosslinking agent; and
- d) 1.5 pph to 5 pph of a photoinitiator having an absorbance greater than 0.5 at a
 wavelength of at least 360 nm for a 0.10 wt-% acetonitrile solution with a path length of 1
 cm.
 - 2. The brightness enhancing film of claim 1 wherein the absorbance of the photoinitiator is greater than about 0.75 at a wavelength of at least 360 nm.
 - 3. The brightness enhancing film of claim 1 wherein the absorbance of the photoinitiator is greater than about 1 at a wavelength of at least 360 nm.
- 4. The brightness enhancing film of claim 1 wherein the absorbance of the photoinitiator
 approaches zero at a wavelength of about 400 nm.
 - 5. The brightness enhancing film of claim 1 wherein the photoinitiator forms two free radicals.
- 6. The brightness enhancing film of claim 5 wherein the photoinitiator comprises a monoacylphosphine oxide.
 - 7. The brightness enhancing film of claim 1 wherein the second monomer has a refractive index of at least 1.59.
 - 8. The brightness enhancing film of claim 1 wherein the second monomer is a (meth) acrylate functional monomer.

9. The brightness enhancing film of claim 8 wherein a major amount of the second monomer has the structure

- 5 wherein R1 is hydrogen or methyl.
 - 10. The brightness enhancing film of claim 8 wherein a major amount of the second monomer has the structure

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wherein R1 is hydrogen or methyl; and

L is a linking group selected from

linear C_2 - C_{12} alkyl groups;

branched C2-C12 alkyl groups; and

-CH₂CH(OH)CH₂-.

11. The brightness enhancing film of claim 1 wherein the crosslinking agent comprises a hexa-functional aromatic urethane oligomer.

- 12. The brightness enhancing film of claim 1 wherein the composition further comprises at least one non-halogenated (meth)acrylate-functional comonomer.
- 13. The brightness enhancing film of claim 12 wherein the at least one non-halogenated (meth)acrylate-functional comonomer is present in the composition in an amount ranging from about 10 wt-% to 15 wt-%.
- 14. An article comprising the brightness enhancing film of claim 1 and a second optical
 film in contact with the brightness enhancing film.
 - 15. The article of claim 14 wherein the second optical film is a diffuser.
 - 16. The article of claim 14 wherein the second optical film is an absorbing polarizer.
 - 17. The article of claim 14 wherein the second optical film is a reflective polarizer.
 - 18. The article of claim 14 wherein the second optical film comprises a prismatic structure.
 - 19. A brightness enhancing film comprising the reaction product of a composition comprising:
 - a) at least 25% of a first monomer consisting of 2,4,6-tribromophenoxyethyl (meth)acrylate;
- b) less than 50% of a second monomer having a refractive index of at least 1.54;
 - c) at least one crosslinking agent; and

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- d) 0.75 wt-% to 3.0 wt-% of a bisacylphosphine oxide photoinitiator.
- 20. An article comprising the brightness enhancing film of claim 19 and a second opticalfilm in contact with the brightness enhancing film.
 - 21. The article of claim 20 wherein the second optical film is a diffuser.

- 22. The article of claim 20 wherein the second optical film is an absorbing polarizer.
- 23. The article of claim 20 wherein the second optical film is a reflective polarizer.

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- 24. A polymerizable resin composition comprising:
- a) at least 25% of a first monomer consisting of 2,4,6, tribromophenoxyethyl (meth)acrylate
- b) less than 50% of a second monomer having a refractive index of at least 1.54;
- 10 c) at least one crosslinking agent; and
 - d) 1.5 pph to 5 pph of a photoinitiator having an absorbance greater than 0.5 at a wavelength of at least 360 nm for a 0.10 wt-% acetonitrile solution with a path length of 1 cm or 0.75 wt-% to 3.0 wt-% of a bisacylphosphine oxide photoinitiator.
- 15 25. An optical material comprising the reaction product of claim 24.
 - 26. The optical material of claim 24 wherein the material is a film.
- 27. The optical material of claim 24 wherein the film comprises a microstructured surface.